

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listing of claims in the application:

Listing of Claims:

Claim 1 (canceled)

2. (currently amended): A method [[material]] according to claim 10 [[1]] wherein at least one of the carrier layers (12, 14) comprises a non-woven textile fabric.

3. (currently amended): A method [[material]] according to claim 10 [[1]] wherein the carrier layers (12, 14) comprise polypropylene, polyethylene or polyvinylchloride.

4. (currently amended): A method [[material]] according to claim 10 wherein [[1 including]] a further layer which is an impermeable film or membrane is provided.

5. (currently amended): A method [[material]] according to claim 10 [[1]] wherein an impermeable film or membrane is provided at the locations of ultrasonic welding.

6. (currently amended): A method [[material]] according to claim 10 [[1]] wherein the core layer (10) is formed by extrusion or rolling from a deformable plastics mass wherein the bentonite is semi-hydrated.

7. (currently amended): A method [[material]] according to claim 10 [[1]] wherein a flexible perforate reinforcement (16) is included in the core layer.

8. (currently amended): A method ~~[[material]]~~ according to claim 7 wherein the reinforcement is a mesh (16) of plastics material.

Claim 9 (canceled)

10. (currently amended): A method of producing a waterproofing material in sheet form comprising sandwiching a core layer (10) incorporating swellable bentonite clay between respective first (12) and second (14) carrier layers ~~[[(12, 14)]]~~ and connecting the carrier layers by ultrasonically welding (18; 26, 28) at intervals or along one or more lines by bringing a base plate projection (22) into contact with the first carrier layer (12) and bringing a sonotrode (24) into contact with the second carrier layer (14) at an opposing location and at intervals, or along one or more lines, and operating the sonotrode thereby cutting through the core layer (10) and connecting the first and second carrier layers.

11. (currently amended): A method of producing a waterproofing material in sheet form comprising sandwiching a core layer (10) incorporating swellable bentonite clay between ~~[[respective]]~~ first (12) and second (14) carrier layers ~~[[(12, 14)]]~~ and including a mesh reinforcement (16) within the core layer (10), connecting ~~one of the carrier layers~~ the first carrier layer (12) to the reinforcement by ultrasonically welding at a first series of locations (26) by bringing a base plate projection (22) into contact with the first carrier layer (12) and by bringing a sonotrode (24) into contact with the second carrier layer (14) at an opposing location, thereby cutting through the core layer (10) and

connecting the first carrier layer (12) to the reinforcement,
and connecting the second carrier layer ~~other of the carrier~~
~~layers~~ (14) to the reinforcement by ultrasonic welding at a
second series of locations (28) which are offset relative to
the first series of locations (26), by bringing a base plate
projection (22) into contact with the second carrier layer
(14) and by bringing a sonotrode (24) into contact with the
first carrier layer (12) at an opposing location, thereby
cutting through the core layer (10) and connecting the second
carrier layer (14) to the reinforcement.